

Environmental Flows Recommendations Report				10/7/2011																	
<i>Nueces River and Corpus Christi and Baffin Bays</i>																					
<i>Basin and Bay Expert Science Team (BBEST)</i>																					
Section	Title	Author(s)		Hours		Due Dates for Drafts		BBEST Members Billing Time								Scheduled Meetings					
		Primary	Key Support	Analyses	Writing	Analyses	Writing	Vaugh	Buzan	Dunton	Hodges	Stunz	Hoeinghaus	Smith	Arsuffi	Williams	BBEST	BBASC	SAC		
1	Preamble																				
1.1	Senate Bill 3	Vaugh			1		Submitted	1												10/7/2011	
1.2	Basin & Bay Expert Science Team	Vaugh			1		Submitted	1													11/2/2011
1.3	Sound Ecological Environment (Incl. Nueces Estuary History)	Buzan	Stunz, Arsuffi, Montagna		5		Submitted		2				2				1				
1.4	Introduction to Environmental Flows Recommendations Report	Vaugh			1		Submitted	1													
2	Overview of Watersheds and Bays																				
2.1	Nueces River Basin	Tunnell	Freund				Submitted														
2.2	Nueces - Rio Grande Coastal Basin	Tunnell	Freund				Submitted														
2.3	Corpus Christi Bay	Tunnell	Freund, Dunton, Montagna				Submitted														
2.4	Nueces Bay	Tunnell	Freund, Dunton, Montagna	2	4		Submitted						6								
2.5	Oso Bay	Tunnell	Freund				Submitted														
2.6	Upper Laguna Madre	Tunnell	Freund				Submitted														
2.7	Baffin Bay	Tunnell	Freund				Submitted														
3	Instream Flow Analyses																				
3.1	Geographic Scope	Vaugh		4	4		10-Oct	8													
3.2	Hydrology-based Environmental Flow Regimes	Vaugh	Smith, TPWD	5	12		10-Oct	16						1							
3.3	Biology Overlay	Hoeinghaus	Instream Subcomm., Vaugh, Contractor, TWDB, TPWD	38	40		12-Oct	4	15			20	19	10	10						
3.4	Water Quality Overlay	Vaugh	Freund, Buzan	5	5		12-Oct	8	1					1							
3.5	Geomorphology Overlay	Buzan	Vaugh, TWDB, TPWD		2				2												
3.6	Riparian Vegetation Overlay	Buzan	Hoeinghaus	6	5		Submitted		6			4		1							
4	Freshwater Inflow Analyses																				
4.1	Hydrology, Salinity, and Inflow Characterization Methodology	Stunz	Vaugh, TWDB	5			Submitted						5								
4.2	Salinity Gradient Methodology	Stunz	Tunnell, TPWD	8	2		Submitted						10								
4.3	Focal Species and Indicators of Estuarine Health	Montagna	Stunz, TWDB		2		Submitted						2								
4.4	Drought Criteria Methodology	Tunnell	Dunton, Stunz, Montagna, Tolan		6		Submitted			4			2								
4.5	Freshwater Inflow Needs	Stunz	Dunton, Stunz, Montagna, Tolan	20	15		Submitted			20			15								
5	Integration of Instream Flow and Freshwater Inflow Regimes																				
5.1	Comparison of Initial Estuarine Inflow to Instream Flow Regimes	Buzan	Stunz, Vaugh	8	10				8				8				2				
5.2	Nutrient Considerations	Dunton	Buskey, McClelland		4		Submitted						4								
5.3	Sediment Considerations	Tunnell	USGS				Submitted														
5.4	Effects on Initial Freshwater Inflow and Instream Flow Regimes	Buzan	Stunz, Vaugh	2	8				4				4				2				
6	Environmental Flow Regime Recommendations																				
6.1	Environmental Flow Regime Summaries	Vaugh	Buzan, Stunz		15		12-Oct	6	4				4				1				
6.2	Comparison to Water Rights Permits & State Methodology	Vaugh	Tunnell, TPWD	2	6		12-Oct	8													
6.3	Example Application(s) of Recommendations	Vaugh	Buzan, Stunz, TPWD	12	12		12-Oct	16	3				4				1				
7	Adaptive Management																				
7.1	Research Priorities, Data Collection & Monitoring	Buzan	All	7	16		Submitted		9	4			2	1	1	5	1				
8	References	All	HDR				Submitted														
	Appendices	All	HDR				17-Oct														
				Totals =				300					69	54	28	0	68	25	21	24	11